

PROJECT SUMMARY FOR CALIFORNIA BAY-DELTA ECOSYSTEM RESTORATION APPROPRIATION

(First Quarter of FY 1999)

Refer to the attached Individual Project Progress Reports for project specifics

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
Fish Screen Improvements	<u>\$2,539,000</u>	<u>\$1,639,000</u>	<u>\$900,000</u>	<u>\$2,539,000</u>	<u>\$14,381</u>
1) Woodbridge Fish Screen and Passage U.S. Bureau of Reclamation	1,575,000	1,575,000		1,575,000	14,381
2) Small Diversion Fish Screens Program Natural Resource Conservation Service	900,000	—	—	—	—
3) Richter Brothers Fish Screen U.S. Bureau of Reclamation	49,000	49,000	—	49,000	—
4) Boeger Family Farm Fish Screen U.S. Bureau of Reclamation	15,000	15,000	—	15,000	—
Fish Passage Improvements	<u>\$8,325,000</u>	<u>\$2,437,234</u>	<u>\$0</u>	<u>\$2,437,234</u>	<u>\$349,234</u>
1) Fish Passage Program U.S. Bureau of Reclamation	<u>8,000,000</u>	<u>2,112,234</u>	<u>0</u>	<u>2,112,234</u>	<u>24,234</u>
1) Stanislaus River Channel Restoration at Williams Site (CA Depart of Fish & Game)	1,038,000	1,038,000	—	1,038,000	—
2) Tuolumne River Channel Restoration (Turlock Irrigation District)	655,000	655,000	—	655,000	—
3) Battle Creek Screens and Fish Passage (CA Depart of Water Resources)	395,000	395,000	—	395,000	—
4) Anadromous Fish Passage at Clough Dam on Mill Creek (CA Depart of Water Resources)	1,280,000	—	—	—	—
5) Fish Passage Improvement Project at the Red Bluff Diversion Dam (Tehama-Colusa Canal Authority)	340,600	—	—	—	—
6) Steelhead & Chinook Salmon Fish Passage Barrier Remediation on the Quadulpe River	178,200	—	—	—	—

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(The Natural Heritage Institute)					
7) ACID Fish Passage & Fish Screen Improvement Project, Phase II (Anderson-Cottonwood Irrigation District)	860,000	—	—	—	—
8) Cosumnes River Salmonid Barrier Program (Foundation of California)	655,000	—	—	—	—
I) Boeger Family Farm Fish Screen, Phase III: Construction (Boeger Family Farm)	139,500	—	—	—	—
Fish Passage Improvements Continued					
10) Hastings Tract Fish Screen, Phase II: Construction (Hastings Island Land Company)	271,250	—	—	—	—
11) City of Sacramento Fish Screen Replacement Project, Phase II (City of Sacramento)	654,500	—	—	—	—
L) American Basin Fish Screen & Habitat Improvement Project (Natomas Mutual Water Company)	200,000	—	—	—	—
13) Balance Remaining for the February 1999 Public Solicitation Package (U.S. Bureau of Reclamation)	1,799,695	24,234	—	24,234	24,234
2) Anderson-Cottonwood Irrigation District (ACID) Fish Screen Project (Anderson-Cottonwood Irrigation District)	325,000	325,000	—	325,000	325,000
Habitat Restoration in Floodplains and Marshes	<u>\$35,542,000</u>	<u>\$32,842,000</u>	<u>\$0</u>	<u>\$32,842,000</u>	<u>\$3,608,634</u>
1) Floodplain Restoration/Habitat Restoration on Existing Conservation Lands Program U.S. Fish and Wildlife Service	<u>14,000,000</u>	<u>14,000,000</u>	<u>0</u>	<u>14,000,000</u>	<u>5,989</u>
1) Lower Clear Creek Floodway	3,559,596	—	—	—	—

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
Restoration Project (Western Shasta Resource Conservation District)					
2) Merced River Salmon Habitat Enhancement, Phase III (CA Dept of Fish & Game)	2,433,759	—	—	—	—
3) Stone Lakes National Wildlife Refuge Land Acquisitions (U.S. Fish and Wildlife Service)	—	—	—	—	—
4) South Napa River Tidal Slough and Floodplain Restoration Project (City of American Canyon)	1,455,000	—	—	—	—
5) Lower San Joaquin River Floodplain Protection and Restoration Project (U.S. Fish and Wildlife Service)	1,100,000	—	—	—	—
6) Floodplain Acquisition, Management, and monitoring on the Sacramento River (The Nature Conservancy)	1,000,000	—	—	—	—
7) Deer and Mill Creeks Acquisition and Enhancement (The Nature Conservancy)	1,000,000	—	—	—	—
Habitat Restoration in Floodplains and Marshes Continued					
8) Biological Restoration and Monitoring in the Suisun Marsh/North San Francisco Bay Ecological Zone (Calif. State University, Hayward)	772,667	—	—	—	—
1) Cosumnes River Acquisition, Restoration, Planning, and Demonstration (The Nature Conservancy)	750,000	—	—	—	—
10) Grayson River Ranch Perpetual Easement and Restoration (East Stanislaus Reclamation Conservation District)	732,000	—	—	—	—

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
11) South Napa River Wetlands Acquisition and Restoration Program (Napa County Land Trust)	—	—	—	—	—
12) Fern-Headreach Tidal Perennial Aquatic and Shaded Riverine Aquatic Habitat Conservation Project (L&L Farms - Thomas Luckey)	425,000	—	—	—	—
13) Petaluma Marsh Expansion Project Marin County (Marin Audubon Society)	—	—	—	—	—
14) Nelson Slough Wildlife Area Restoration Demonstration Project (CA Dept of Fish & Game)	256,476	—	—	—	—
15) Hill Slough West Habitat Demonstration Project (CA Dept Fish & Game)	200,000	—	—	—	—
16) Butte Creek Acquisition (Calif. State University, Chico)	125,000	—	—	—	—
17) Butte Creek Riparian Restoration Demonstration (Calif. State University, Chico)	76,348	—	—	—	—
18) Benicia Waterfront Marsh Restoration (City of Benicia)	59,000	—	—	—	—
19) Lower Mill Creek Riparian Restoration (Mill Creek Conservancy)	30,000	—	—	—	—
20) Rhode Island Floodplain Management and Habitat Restoration (CA Dept of Fish and Game)	25,000	—	—	—	—
21) Technical Review/Quality Control (U.S. Fish and Wildlife Service)	—	—	—	—	—
Habitat Restoration in Floodplains and Marshes Continued					

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
2) San Joaquin Floodplain Acquisition and Riparian Restoration U.S. Fish and Wildlife Service	10,647,000	10,647,000	—	10,647,000	63,923
3) Cosumnes River Floodplain Acquisition U.S. Bureau of Reclamation (The Nature Conservancy)	3,500,000	3,500,000	—	3,500,000	3,500,000
4) Prospect Island Habitat Protection Project U.S. Army Corps of Engineers	2,000,000	2,000,000	—	2,000,000	22,365
5) Habitat Restoration/Flood Control Bypasses Program U.S. Army Corps of Engineers	1,200,000	1,200,000	—	1,200,000	—
6) Napa River Wetlands Acquisition U.S. Bureau of Reclamation (Napa County Land Trust)	1,000,000	1,000,000	—	1,000,000	—
7) Bear Creek Floodplain Restoration Demonstration Project U.S. Fish and Wildlife Service	334,000	334,000	—	334,000	16,357
8) Cache Slough Habitat Enhancement U.S. Bureau of Reclamation	85,000	85,000	—	85,000	—
9) Regional Wetlands Goals Project U.S. Environmental Protection Agency	76,000	76,000	—	76,000	—
River Channel Changes	<u>\$9,624,010</u>	<u>\$9,624,010</u>	<u>\$0</u>	<u>\$9,624,010</u>	<u>\$242,800</u>
1) Liberty Island Acquisition U.S. Fish and Wildlife Service	8,577,000	8,577,000	—	8,577,000	—
2) Sedimentation Movement, Availability, and Monitoring in the Delta U.S. Geological Survey	1,047,010	1,047,010	—	1,047,010	242,800
Improved Instream Flows	<u>\$14,500,000</u>	<u>\$14,450,000</u>	<u>\$0</u>	<u>\$14,450,000</u>	<u>\$0</u>
1) Environmental Water Acquisition Program U.S. Bureau of Reclamation (with the National Fish and Wildlife Foundation)	14,450,000	14,450,000	—	14,450,000	—
2) Environmental Water Acquisition Study	50,000	—	—	—	—

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
U.S. Bureau of Reclamation					
Water Quality and Temperature Improvement	<u>\$5,003,000</u>	<u>\$5,003,000</u>	<u>\$0</u>	<u>\$5,003,000</u>	<u>\$691,560</u>
1) Evaluation of Selenium Sources, Levels, and Consequences in the Delta U.S. Geological Survey	1,589,000	1,589,000	—	1,589,000	225,420
2) Assessment of Organic Matter in the Habitat and Its Relationship to the Food Chain U.S. Geological Survey	1,400,000	1,400,000	—	1,400,000	381,573
3) Bacterial Treatment of Selenium in the Panoche Drainage University of California, Berkeley	1,149,000	1,149,000	—	1,149,000	66,973
4) Sand and Salt Creek Watershed Project U.S. Department of Agriculture	599,000	599,000	—	559,000	17,594
5) Integrated Pest Management in Suisun Bay Program Central Contra Costa Sanitary District	266,000	266,000	—	266,000	—
Introduced and Undesirable Species Control	<u>\$1,250,000</u>	<u>\$1,250,000</u>	<u>\$0</u>	<u>\$1,250,000</u>	<u>\$0</u>
1) Exotic Species Control Program U.S. Fish and Wildlife Service	1,250,000	1,250,000	—	1,250,000	—
Improved Fish Management and Hatchery Operations	<u>\$625,000</u>	<u>\$625,000</u>	<u>\$0</u>	<u>\$625,000</u>	<u>\$0</u>
1) Evaluation of Tagging Data U.S. Bureau of Reclamation (Northwest Marine Technology, Inc.)	625,000	625,000	—	625,000	—
Watershed Management	<u>\$2,798,000</u>	<u>\$2,253,000</u>	<u>\$0</u>	<u>\$2,253,000</u>	<u>\$60,816</u>
1) Watershed Restoration Planning and Implementation Program Environmental Protection Agency	<u>1,550,000</u>	<u>1,550,000</u>	0	<u>1,550,000</u>	0
1) Petaluma River Watershed Restoration Program (Southern Sonoma County Resource Conservation District)	162,000	—	—	—	—
2) Cottonwood Creek					

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
Watershed Group Formation (Cottonwood Creek Watershed Group)	119,000	—	—	—	—
3) Battle Creek Watershed Stewardship (Battle Creek Watershed Conservancy)	107,000	—	—	—	—
4) Local Watershed Stewardship: Steelhead Trout Plan (Friends of Corte Madera Creek Watershed)	38,000	—	—	—	—
5) Cold Water Fisheries and Water Quality Element (City of San Jose Services Department)	147,000	—	—	—	—
Watershed Management Continued					
6) Merced River Corridor Restoration Plan (Stillwater Sciences/Merced County Planning and Community Development Department)	220,000	—	—	—	—
7) South Yuba River Coordinated Watershed Management Plan (Department of Parks and Recreation)	193,000	—	—	—	—
8) Watershed Restoration Strategy for the Yolo Bypass (Yolo Basin Foundation, Inc.)	180,000	—	—	—	—
1) Proposal to Develop Local Watershed Stewardship Plan for the Lower Mokelumne River (San Joaquin County Resource Conservation District)	118,000	—	—	—	—
10) Union School Slough Watershed Improvement Program (National Audubon Society,	266,000	—	—	—	—

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California Chapter)					
11) American River Integrated Watershed Stewardship Strategy (Placer County Resource Conservation District)	0	—	—	—	—
12) Sulphur Creek Coordinated Resource Management Planning Group (Sacramento Watersheds Action Group)	—	—	—	—	—
13) Lower Putah Creek Watershed Stewardship Program (Solano County, Department of Environmental Management)	—	—	—	—	—
14) Alhambra Creek Watershed CRMP Program (Contra Costa Resource Conservation District)	—	—	—	—	—
2) Improvement/Sediment Stabilization on Deer, Mill, and Antelope Creeks - Lassen National Forest U.S. Forest Service	371,000	371,000	—	371,000	50,342
Watershed Management Continued					
3) Butte Creek Watershed Restoration Implementation U.S. Fish and Wildlife Service	294,000	294,000	—	294,000	10,474
4) Inventory of Forest Road Systems at Cat Creek Watershed U.S. Forest Service	38,000	38,000	—	38,000	—
Monitoring, Permit Coordination, and Other Special Support Programs	<u>\$6,930,000</u>	<u>\$3,043,255</u>	<u>\$0</u>	<u>\$3,043,255</u>	<u>\$1,234,792</u>
1) Integrated Phasing Strategy U.S. Bureau of Reclamation (CALFED Program Staff)	4,847,000	1,720,595	0	1,720,595	955,610
2) Comprehensive Monitoring, Assessment, and Research Program (CMARP)	1,157,000	1,110,700	0	1,110,700	215,760

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U.S. Bureau of Reclamation (CALFED Program Staff)	300,000	386	0	386	386
3) Bay-Delta Education Program U.S. Bureau of Reclamation	3,000	—	—	—	—
1) San Joaquin Valley's "Salmonids in the Classroom" Program Enhancement (CA Department of Fish and Game)	54,000	—	—	—	—
2) Traveling Film Festival/Heron Booth/Video Archive (Independent Documentary Group)					
3) Environmental Agriculture Conferences and Field Tours (Committee for Sustainable Agriculture)	28,000	—	—	—	—
4) Sacramento River Headwaters to the Ocean, Public Information, and Education (Sacramento River Discovery Center)	49,640	—	—	—	—
5) Discover the Flyway (Yolo Basin Foundation)	49,000	—	—	—	—
6) The Butte Creek Watershed Education Workshops and Field Tours Series (California State University, Chico)	33,000	—	—	—	—
7) Bay-Delta Environmental Restoration Education Program (Water Education Foundation)	40,000	—	—	—	—
8) The Virtual Science Center and Hands-on Learning Programs (The Delta Science Center at Big Break)	42,000	—	—	—	—
Monitoring, Permit Coordination, and Other Special Support Programs Continued					

Category/Proposal/Agency	Total Approved by the Secretary	Obligated from FY 1998 funding	Obligated from FY 1999 funding	Total Obligated	Total Expended
1) Water Hyacinth Education Program (Sacramento Regional County Sanitation District)	1,360	—	—	—	—
K) Water Challenge 2010 (U.S. Army Corps of Engineers)	—	—	—	—	—
12) Tuolumne River Natural Resources Program (City of Modesto)	—	—	—	—	—
13) Technical Review/Quality Control (US Bureau of Reclamation for U.S. Forest Service)	—	—	—	—	—
4) Coordinated Permitting U.S. Bureau of Reclamation (CALFED Program Staff)	282,000	100,000	—	100,000	—
5) Development of a Watershed Management Program U.S. Bureau of Reclamation (CALFED Program Staff)	184,000	111,574	—	111,574	63,036
Miscellaneous	<u>\$4,468,990</u>	<u>\$172,925</u>	<u>\$49,328</u>	<u>\$222,253</u>	<u>\$222,253</u>
Expenses/Administration	3,381,990	—	—	—	—
1) Restoration Reserve U.S. Bureau of Reclamation					
2) Technical Review Program/Quality Control Program U.S. Bureau of Reclamation	850,000	—	—	—	—
3) Administrative Support U.S. Bureau of Reclamation	300,000	172,925	49,328	222,253	222,253
Grand Total	\$91,605,000	\$73,339,424	\$49,328	\$73,388,752	\$6,424,470